

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	1	("20050084076").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/09 09:09
L12	1	("20050071628").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/09 09:52
L13	5820	((713/151,150,153,164) or (380/255) or (709/250)).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/09 10:41
L14	241	L13 and PHY and MAC	US-PGPUB; USPAT	OR	ON	2009/05/09 10:41
L15	178	L13 and PHY and MAC and (Crypto cryptography encipher\$4 encrypt\$4 encod\$4 scrambl\$4)	US-PGPUB; USPAT	OR	ON	2009/05/09 10:41
L16	111	L13 and PHY and MAC and (Crypto cryptography encipher\$4 encrypt\$4 scrambl\$4)	US-PGPUB; USPAT	OR	ON	2009/05/09 10:41
L17	8	L13 and PHY and MAC and (Crypto cryptography encipher\$4 encrypt\$4 scrambl\$4) and MDIO	US-PGPUB; USPAT	OR	ON	2009/05/09 10:42
S1	300	(physical adj layer adj transceiver)	US-PGPUB; USPAT	OR	ON	2007/01/16 18:12
S3	0	("622285220040030805").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/16 16:33
S4	2	("6222852" "20040030805").pn.	US-PGPUB; USPAT	OR	ON	2007/01/16 17:36
S5	5	(single adj interface) with (multiple adj interface) same MAC	US-PGPUB; USPAT	OR	ON	2007/01/16 18:45
S6	407	(713/151).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/01/16 17:05
S7	4	S6 and PHY and MAC	US-PGPUB; USPAT	OR	ON	2007/01/16 17:07
S8	708	380/255	US-PGPUB; USPAT	OR	ON	2007/01/16 17:07
S9	19	S6 and S8	US-PGPUB; USPAT	OR	ON	2007/01/16 17:25
S10	59	S6 and physical adj layer	US-PGPUB; USPAT	OR	ON	2007/01/16 17:25
S11	52	S6 and physical adj layer and (Crypto cryptography encipher encryption encoding encrypt)	US-PGPUB; USPAT	OR	ON	2007/12/10 17:12
S12	9	S6 and physical adj layer with (Crypto cryptography encipher encryption encoding encrypt)	US-PGPUB; USPAT	OR	ON	2007/01/16 17:27
S13	2	("20020080771" "20030206564").pn.	US-PGPUB; USPAT	OR	ON	2007/01/16 17:36
S14	1	PHY adj communication adj module	US-PGPUB; USPAT	OR	ON	2007/01/16 18:39
S15	70	PHY adj communication	US-PGPUB; USPAT	OR	ON	2007/01/16 18:41

S16	22	master adj communication adj module	US-PGPUB; USPAT	OR	ON	2007/01/16 18:44
S17	1	S16 and PHY	US-PGPUB; USPAT	OR	ON	2007/01/16 18:44
S18	3	S16 and MAC	US-PGPUB; USPAT	OR	ON	2007/01/16 18:44
S19	149	(single adj interface) with (multiple adj interface)	US-PGPUB; USPAT	OR	ON	2007/01/16 18:46
S20	3	S19 and PHY	US-PGPUB; USPAT	OR	ON	2007/01/16 19:04
S21	215	Router same PHY same MAC	US-PGPUB; USPAT	OR	ON	2007/01/16 19:05
S22	123	Router same PHY same MAC same interface	US-PGPUB; USPAT	OR	ON	2007/12/10 17:12
S23	66	S22 and (cryptography crypto encryption encoding)	US-PGPUB; USPAT	OR	ON	2007/01/16 19:08
S24	269	PHY with digital with analog	US-PGPUB; USPAT	OR	ON	2007/04/16 09:51
S25	40	PHY with digital with analog and (encryption crypto cryptography)	US-PGPUB; USPAT	OR	ON	2007/12/10 17:13
S26	1	("20050084076").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/16 10:00
S27	139	link adj layer adj (security encryption crypto\$7)	US-PGPUB; USPAT	OR	ON	2007/04/16 11:08
S28	1	("6134662").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/16 11:10
S29	4	("20040076181" "20030126428" "6973566" "5689568").pn.	US-PGPUB; USPAT	OR	ON	2007/04/16 11:23
S30	1	("7155258").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/16 11:24
S31	1	("20060059537").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/16 11:27
S32	1	("20050213762").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/16 11:33
S33	428	(713/151).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/16 11:33
S34	436	(380/255).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/16 12:56
S35	1750	(709/250).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/16 11:33
S36	2593	S33 S34 S35	US-PGPUB; USPAT	OR	ON	2007/04/16 11:34
S37	161	S36 and PHY and MAC	US-PGPUB; USPAT	OR	ON	2007/04/16 11:49
S38	51	S37 and (encryption crypto\$5 secyry)	US-PGPUB; USPAT	OR	ON	2007/04/16 11:50
S39	10	((DANIEL) near2 (BIEDERMAN)).INV.	US-PGPUB; USPAT	OR	ON	2007/04/16 11:52

S40	10	((DANIEL) near2 (BIEDERMAN)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:52
S41	12	((LI-JAU) near2 (YANG)).INV.	US-PGPUB; USPAT	OR	ON	2007/04/16 11:53
S42	12	((LI-JAU) near2 (YANG)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:53
S43	21	S40 S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 12:02
S44	269	(MDIO MDC) and PHY and MAC	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 12:09
S45	1	("6065073").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/16 12:11
S46	1	("6222852").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/16 12:13
S47	1	"20040030805"	US-PGPUB; USPAT	OR	ON	2007/04/16 12:24
S48	5345	("PHY" or "Physical layer transceiver") same ("MAC" or "Media access controller")	US-PGPUB; USPAT	OR	ON	2007/04/16 15:06
S49	251	S48 same (crypto\$7 encrypt\$3 authenticat\$3)	US-PGPUB; USPAT	OR	ON	2007/04/16 12:25
S50	1	("20050084076").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/16 13:00
S51	1471	(Router Modem) and PHY and (crypto \$7 encrypt\$3 authenticat\$3)	US-PGPUB; USPAT	OR	ON	2007/04/16 13:01
S52	61	(Router Modem) same PHY same (crypto\$7 encrypt\$3 authenticat\$3)	US-PGPUB; USPAT	OR	ON	2007/04/16 14:28
S53	961	PHY adj2 PHY	US-PGPUB; USPAT	OR	ON	2007/04/16 14:28
S54	1181	PHY adj3 MAC	US-PGPUB; USPAT	OR	ON	2007/04/16 14:28
S55	16	PHY adj3 MAC with (security encryption crypto\$7)	US-PGPUB; USPAT	OR	ON	2007/04/16 14:32
S56	100	PHY with MAC with (security encryption crypto\$7)	US-PGPUB; USPAT	OR	ON	2007/04/16 18:23
S57	1	("20020128005").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/16 14:37

S58	1	("7197052").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/16 14:42
S59	1	("20030206564").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/16 14:59
S60	1	("20040120301").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/16 15:03
S61	1	("20050114663").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/16 15:03
S62	4857	("PHY" or "Physical layer transceiver") with ("MAC" or "Media access controller")	US-PGPUB; USPAT	OR	ON	2007/04/16 15:07
S63	71	S62 with (crypto\$7 encrypt\$3 authenticat\$3)	US-PGPUB; USPAT	OR	ON	2007/04/16 15:07
S64	28	PHY with MAC with (security encryption crypto\$7)	USPAT	OR	ON	2007/04/16 18:23
S65	20	MDIO/MDC	US-PGPUB; USPAT	OR	ON	2007/04/17 10:04
S66	3109	(MDIO or Management adj data adj input adj output) or (MDC or Management adj data adj clock)	US-PGPUB; USPAT	OR	ON	2007/04/17 14:35
S67	105	S66 adj interface	US-PGPUB; USPAT	OR	ON	2007/04/17 10:06
S68	3109	(MDIO or Management adj data adj ((input adj output) or input/output)) or (MDC or Management adj data adj clock)	US-PGPUB; USPAT	OR	ON	2007/04/17 17:20
S69	105	S68 adj interface	US-PGPUB; USPAT	OR	ON	2007/04/17 10:08
S70	1	"20040030805"	US-PGPUB; USPAT	OR	ON	2007/04/17 10:51
S71	3	("6424194" 09/540243 "6389092" "6340899" 09/919636 09/860284 10/028806 09/969837 10/159788 10/179735).pn.	US-PGPUB; USPAT	OR	ON	2007/04/17 10:53
S72	94	"6424194" 09/540243 "" "6389092" "" "" "6340899" "" 09/919636 09/860284 10/028806 09/969837 10/159788 10/179735	US-PGPUB; USPAT	OR	ON	2007/04/17 10:54
S73	12	S72 and Scrambler	US-PGPUB; USPAT	OR	ON	2007/04/17 11:03
S74	1	10/676384	US-PGPUB; USPAT	OR	ON	2007/04/17 11:05
S75	2	"20050084076"	US-PGPUB; USPAT	OR	ON	2007/04/17 11:08
S76	1	PHY with serial adj wire adj interface	US-PGPUB; USPAT	OR	ON	2007/04/17 11:34
S77	234	PHY with serial adj interface	US-PGPUB; USPAT	OR	ON	2007/04/17 11:37
S78	4	PHY with serial adj interface with communicate	US-PGPUB; USPAT	OR	ON	2007/04/17 11:38

S79	4	(PHY physical adj layer adj transceiver) with serial adj interface with communicate	US-PGPUB; USPAT	OR	ON	2007/04/17 12:04
S80	516	S68 with control	US-PGPUB; USPAT	OR	ON	2007/04/17 12:04
S81	78	S80 with MAC	US-PGPUB; USPAT	OR	ON	2007/04/17 12:04
S82	6	S81 with PHY	US-PGPUB; USPAT	OR	ON	2007/04/17 12:04
S83	1	("5852609").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/17 14:43
S84	1	("20040030805").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/17 14:43
S85	148	S68 with (Crypto\$7 encrypt\$4 security secure\$3 authentica\$4)	US-PGPUB; USPAT	OR	ON	2007/04/17 18:00
S86	5	S68 with (Crypto\$7 encrypt\$4 security secure\$3 authentica\$4) and PHY	US-PGPUB; USPAT	OR	ON	2007/04/17 17:32
S87	1	("20040081424").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/17 18:02
S88	0	cisco and MAC and PHY and (Crypto \$7 encrypt\$4 security secure\$3 authentica\$4)	DERWENT	OR	ON	2007/04/17 18:11
S89	8	cisco and MAC and PHY	DERWENT	OR	ON	2007/04/17 18:08
S90	215	cisco and MAC and PHY and (Crypto \$7 encrypt\$4 security secure\$3 authentica\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 18:15
S91	1241	router and MAC and PHY and (Crypto \$7 encrypt\$4 security secure\$3 authentica\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 18:15
S92	39	router and MAC and PHY and (Crypto \$7 encrypt\$4 security secure\$3 authentica\$4) and MDIO	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 18:25
S93	8	IPsec and MAC and PHY and (Crypto \$7 encrypt\$4 security secure\$3 authentica\$4) and MDIO	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 18:35
S94	1	("6708218").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/17 18:36
S95	1	("7110398").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:51
S96	8	(crypto cryptography encryption encoding security) with (physical adj layer adj transceiver)	US-PGPUB; USPAT	OR	ON	2007/04/18 13:34
S97	724	(crypto cryptography encryption encoding security) with ((physical adj layer adj transceiver) OR PHY)	US-PGPUB; USPAT	OR	ON	2007/04/18 13:35
S98	430	(713/151).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:35
S99	437	(380/255).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:35

S100	1751	(709/250).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:35
S101	2597	S98 S99 S100	US-PGPUB; USPAT	OR	ON	2007/04/18 13:35
S102	29	S97 and S101	US-PGPUB; USPAT	OR	ON	2007/04/18 13:35
S103	99	((("6842481") or ("6911948") or ("5978853") or ("6654373") or ("6011799") or ("6704296") or ("6859825") or ("5754540") or ("6134662") or ("4951280") or ("6229817") or ("5023872") or ("6408347") or ("5235593") or ("6385669") or ("5363379") or ("6011781") or ("5394390") or ("6937571") or ("5487152") or ("5636140") or ("5511166") or ("5768695") or ("5513320") or ("5809249") or ("5600799") or ("6049837") or ("5608869") or ("6400695") or ("5619651") or ("6651107") or ("5619652") or ("6687757") or ("5892768") or ("6741551") or ("5953345") or ("5809026") or ("5995514") or ("5969646") or ("6069897") or ("6058427") or ("6094441") or ("6060890") or ("6097732") or ("6081523") or ("6104236") or ("6094439") or ("6108726") or ("6114922") or ("6130894") or ("6205490") or ("6141352") or ("6243426") or ("6150875") or ("6260167") or ("6169742") or ("6516952") or ("6222852") or ("6556589") or ("6222852") or ("5892926") or ("6266350") or ("6421735") or ("6269104") or ("6108301") or ("6275498") or ("6115364") or ("6275501") or ("6906426") or ("6295280") or ("5007089") or ("6363432") or ("5671283") or ("6385208") or ("6438367") or ("6385738") or ("6535545") or ("6430695") or ("6650616") or ("6493647") or ("5185863") or ("6510150") or ("5483536") or ("6529961") or ("6363257") or ("6614372") or ("6539207") or ("6631138") or ("6580700") or ("6636499") or ("6754170") or ("6654796") or ("6795450") or ("6675335") or ("6799247") or ("6694394") or ("6812891") or ("6718417") or ("6873611") or ("6760347"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/04/25 10:40
S104	94	S103 and (MAC "media access control")	US-PGPUB; USPAT	OR	ON	2007/04/25 10:40

S105	92	S103 and (MAC "media access control") and (PHY "Physical layer transceiver")	US-PGPUB; USPAT	OR	ON	2007/12/10 17:13
S106	20	S103 and (MAC "media access control") and (PHY "Physical layer transceiver") and (MDIO MDC)	US-PGPUB; USPAT	OR	ON	2007/04/25 10:41
S107	2	"20050084076"	US-PGPUB; USPAT	OR	ON	2007/12/10 14:31
S108	19	MDIO with MDC with MAC	US-PGPUB; USPAT	OR	ON	2007/12/10 15:15
S109	7	MDIO with MDC with MAC with PHY	US-PGPUB; USPAT	OR	ON	2007/12/10 15:16
S110	7	MDIO with MDC with MAC with PHY	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 15:16
S111	492	(713/151).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/10 17:11
S112	884	380/255	US-PGPUB; USPAT	OR	ON	2007/12/10 17:11
S113	1854	(709/250).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/10 17:11
S114	3199	S112 S113 S111	US-PGPUB; USPAT	OR	ON	2007/12/10 17:12
S116	4	S114 and Router same PHY same MAC same interface	US-PGPUB; USPAT	OR	ON	2007/12/10 17:12
S117	272	S114 and physical adj layer and (Crypto cryptography encipher encryption encoding encrypt)	US-PGPUB; USPAT	OR	ON	2007/12/10 17:12
S118	3	S114 and PHY with digital with analog and (encryption crypto cryptography)	US-PGPUB; USPAT	OR	ON	2007/12/10 17:13
S119	179	S114 and (MAC "media access control") and (PHY "Physical layer transceiver")	US-PGPUB; USPAT	OR	ON	2007/12/10 17:13
S120	5112	((713/151,150,153,164) or (380/255) or (709/250)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/07/16 15:43
S121	211	S120 and PHY and MAC	US-PGPUB; USPAT	OR	ON	2008/07/16 15:43
S122	157	S120 and PHY and MAC and (Crypto cryptography encipher\$4 encrypt\$4 encod\$4 scrambl\$4)	US-PGPUB; USPAT	OR	ON	2008/07/16 15:44
S123	95	S120 and PHY and MAC and (Crypto cryptography encipher\$4 encrypt\$4 scrambl\$4)	US-PGPUB; USPAT	OR	ON	2008/07/16 15:45
S124	7	S120 and PHY and MAC and (Crypto cryptography encipher\$4 encrypt\$4 scrambl\$4) and MDIO	US-PGPUB; USPAT	OR	ON	2008/07/16 17:06
S125	1	("20060031673").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/05 13:23

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